

ABSTRACT

Disclosed are systems and methods enabling a purchaser to select for purchase an article of manufacture from a plurality of like articles of manufacture over a computer network. The plurality of like articles of manufacture have properties whose actual values vary due to a manufacturing process. A method includes acquiring actual values for properties of the article of manufacture and storing the actual values as a database. The actual values are transmitted to a processor that is programmed to compare each desired value of a property selected by a purchaser with the actual value for each respective property of the article of manufacture to determine whether there is a match between each desired value and the actual value for each respective property. The purchaser may select and transmit an offer to purchase the article of manufacture.